

Count It, Show It

Teacher-led data sorting with classroom objects, an object graph, and a number table.

1.1.c.iv "interpreting, analyzing, and evaluating data organize and represent various forms of data using tables, picture graphs, and object graphs"

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 OBJECT GRAPH

Pencils

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● ● ● ● ●

Books

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● ● ●

Clips

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● ● ● ●

2 NUMBER TABLE

Pencils

Books

Clips

HOW TO RUN THIS PAGE

Before beginning, place 3 pencils, 4 books, and 5 paper clips in three separate groups where students can see them. Read each part aloud. Students count real objects, connect each category to a one-to-one dot group in an object graph, then record the totals in a table.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • OBJECT GRAPH

SAY “Look at the pencil group, book group, and paper clip group on our table. Count each group. Which dot group shows the count for each word? Draw a line from each word to its dot group.”

- **Pencils** matches **3 dots**
- **Books** matches **4 dots**
- **Clips** matches **5 dots**

PART 2 • NUMBER TABLE

SAY “Use the lines in the object graph to help you. What number belongs beside each data label? Write the total in each box.”

- Box 1 (beside Pencils): **3**
- Box 2 (beside Books): **4**
- Box 3 (beside Clips): **5**

WHAT TO ACCEPT

Accept lines from Pencils to 3 dots, Books to 4 dots, and Clips to 5 dots. Accept 3, 4, and 5 in the matching table boxes, in that order.